

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

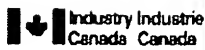
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



**Canadian Intellectual
Property Office**

Strategis

[H Ip](#) [What's New](#) [Site Map](#) [Feedback](#) [About Us](#) [Français](#)

GO TO [⇒ Main Menu](#)

[⇒ Licenses, Legislation and Regulations](#)

Search Strategis

**CIPO
Home Page**

Canadian Patent Database

**Patents Data
Home Page**

12/14/2000 - 17:10:31

**Search Foreign
Patents**

(12) **Patent Application:**

(11) **CA 2032375**

**Trade-marks
Database**

(54) HIGH TECH BOARD GAME

**Search
Options**

[View or Download Images](#)

- **Basic**
- **Number**
- **Boolean**
- **Advanced**

(72) Inventors (Country):

Huang, Myron Y. (Canada)

Huang, Myron Y. (Canada)

(73) Owners (Country):

Huang, Myron Y.

Huang, Myron Y. (Canada)

**Guided
Tour**

(71) Applicants (Country):

Help

(74) Agent:

- **Content**
- **Searching**
- **Search
Language**
- **FAQ**

(45) Issued on:

(22) Filed on:

Dec. 14, 1990

(43) Laid open on:

June 15, 1992

Examination requested:

Dec. 14, 1990

(52) Canadian Class (CPC):

354/43

(51) International Class (IPC):

G06F 15/44

Disclaimer

Patent Cooperation Treaty (PCT): **No**

(30) Application priority data: **None**

Availability of licence:

N/A

Language of filing:

English

ABSTRACT:

ABSTRACT

In a board game, the accessories commonly used to control, record and display the ever changing status of the game include part of the game board itself, card decks, tally or transaction sheets and others. In this invention, most of accessories used by prior art board games, except for the game board itself, are eliminated and replaced with a computer program executed on a personal computer to perform the accessories' functions more

effectively. This invention is well suited for any conventional board game which attempts to realistically simulate the operation of a complex and sophisticated environment and which uses cards to generate different events and situations. When a marker lands on certain predetermined spaces, instead of drawing cards, the appropriate keys are entered into the computer keyboard to interface with the computer program to display the specific event, effect the changes required and display the updated status of the game. In a preferred embodiment, a stock market game has use the new accessory to control the flow and update the statuses of the game. For example, the generation of events in a logically controlled random manner and the display of stock quotes and charts, among others.

CLAIMS: [Show all claims](#)

*** Note: Data on abstracts and claims is shown in the official language in which it was submitted.

View or Download Images :

- ☒ Cover Page Image
- ☐ Abstract Image
- ☐ Claims Image
- ☐ Disclosures Image
- ☐ Drawings Image

View the Image
Download in Adobe PDF

© Industry Canada, 2000

[Help](#) [What's New](#) [Sitemap](#) [Feedback](#) [About Us](#) [Français](#) [Top of Page](#)

Canada

<http://strategis.ic.gc.ca>

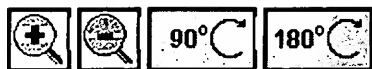
- The image pages will appear below. On browsers that support it, this message is in a new window. Using your browser's "Back" button on this new window may not work as expected. When you are done viewing this patent, close or resize this window to reveal the original window underneath.



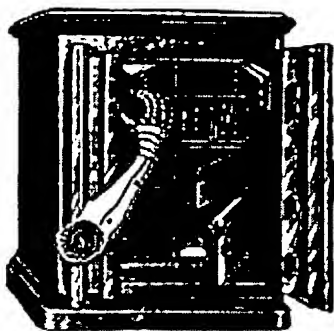
2032375

ABSTRACT

In a board game, the accessories commonly used to control, record and display the ever changing status of the game include part of the game board itself, card decks, tally or transaction sheets and others. In this invention, most of accessories used by prior art board games, except for the game board itself, are eliminated and replaced with a computer program executed on a personal computer to perform the accessories' functions more effectively. This invention is well suited for any conventional board game which attempts to realistically simulate the operation of a complex and sophisticated environment and which uses cards to generate different events and situations. When a marker lands on certain predetermined spaces, instead of drawing cards, the appropriate keys are entered into the computer keyboard to interface with the computer program to display the specific event, effect the changes required and display the updated status of the game. In a preferred embodiment, a stock market game has use the new accessory to control the flow and update the statuses of the game. For example, the generation of events in a logically controlled random manner and the display of stock quotes and charts, among others.



THIS PAGE BLANK (USPTO)



Fetching images from archive...

The image pages will appear below. On browsers that support it, this message is in a new window. Using your browser's "Back" button on this new window may not work as expected. When you are done viewing this patent, close or resize this window to reveal the original window underneath.



2032375

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A process of performing the functions of conventional board game accessories such as play money, certificates or
05 titles of ownership, various types of card decks, tally or score sheets, and even part of the game board itself with a new modern accessory such as a computer program executed on a personal computer through the use of an interface such as a keyboard or a mouse.

10 2. A process as claimed in claim 1 comprising of functions performed by a computer program such as :

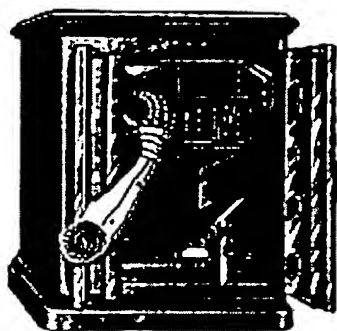
generation of events in a (randomly controlled logical manner) ^{new} that control the flow and affect the statuses of the game;

15 updating, recording and display of changes that affect the statuses of the players and the game;
calculation, recording and display of each transaction during the game;

display of the individual player's assets and statuses
20 such as money on hand and other holdings; and
overall display of the ever changing statuses of the game.



THIS PAGE BLANK (USPTO)



Fetching images from archive...

The image pages will appear below. On browsers that support it, this message is in a new window. Using your browser's "Back" button on this new window may not work as expected. When you are done viewing this patent, close or resize this window to reveal the original window underneath.



2032375

SPECIFICATION

This invention relates to board games. More particularly, this invention relates to a new and improved board game, which can be used in conjunction with conventional board games to increase the complexity and sophistication of existing board games thus making them more exciting and challenging. Accordingly, the creation of new board games to realistically simulate the operation of complex environments such as the Stock Market, Options and Futures Market, Real Estate Market, Currency Market, Bond Market
10 and others may be accomplished.

The apparatus commonly used in current board games to control, record and display the statuses of the game and its players, include the game board itself, card decks, tally or transaction sheets, certificates or titles of ownership and play money. The game board, which is sometimes partially used to record and display the statuses of the game, is very restrictive and inflexible. It is incapable of effectively recording and displaying the statuses of certain games due to its nature. The tally sheets that
20 are used for calculating and recording transactions are cumbersome and error prone. The card decks are used to

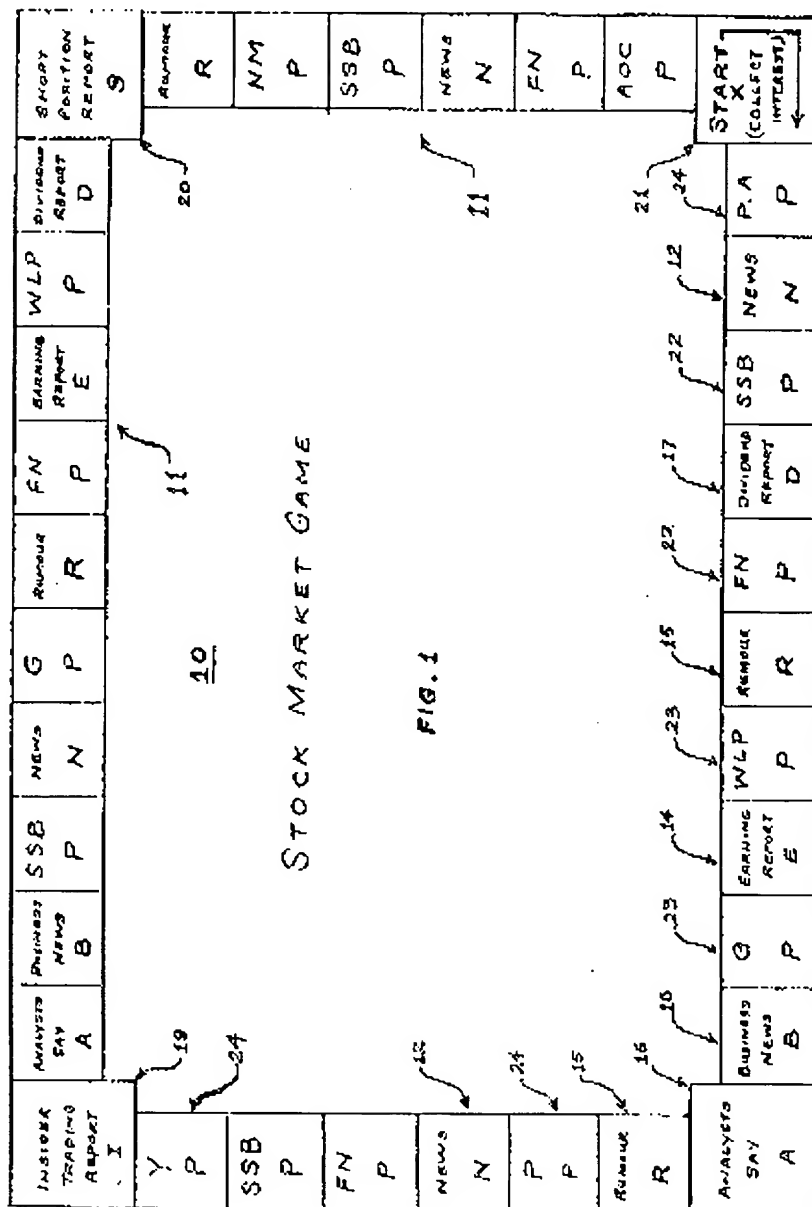


THIS PAGE BLANK (USPTO)

The image pages will appear below. On browsers that support it, this message is in a new window. Using your browser's "Back" button on this new window may not work as expected. When you are done viewing this patent, close or resize this window to reveal the original window underneath.

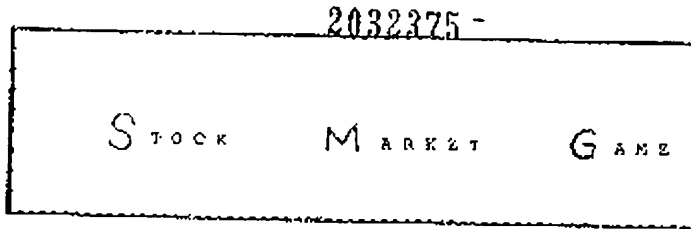


2032375





THIS PAGE BLANK (USPTO)



and then press the ENTER key 2:30

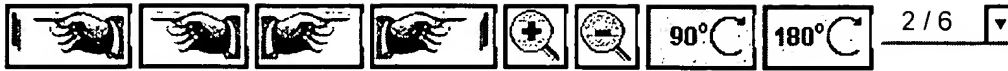
FIG. 2

LIST OF STOCKS AND THEIR STOCK TICKER SYMBOLS

Stock Ticker	Name of Stock	Stock Ticker	Name of Stock
AOC	ANTARCTIC OIL CORPORATION	BCC	BIOGEMOUTH CHEMICAL CORPORATION
BIL	BLUMGREEN INDUSTRIES LIMITED	CAR	CAR SPARE PARTS INCORPORATED
CAS	CHRISTINA ASKLEY FASHIONS LIMIYED	CNG	CLEAN ENGINES INCORPORATED
EAT	EMILY ASKE TRACY STORES LIMITED	EBC	EXPERIMENTAL BIOLOGICALS COMPANY
FAT	FASTGROWTH TRANSPORT CORPORATION	FT	FIRST NORTHAM UTILITIES COMPANY
G	GRAND TELEPHONE COMPANY	HJI	HUANG INTERNATIONAL LIMITED
MES	MEGAYTE SEMI-CONDUCTORS INC.	MNC	MCKIVAN MINES COMPANY
MYN	MYN RESOURCES INCORPORATED	NK	NORMY MANUFACTURING INTERNATIONAL
OIL	OILY PETROLEUM COMPANY	OPK	OPEN CIRCUIT INCORPORATED
P	PINE TRUST COMPANY	P.A	PINE TRUST COMPANY 'Preferred A'
SB	THE SECOND SOUTHAM BANK	S	SOUTH ATLANTIC AIRLINES CORP.
SNA	SPEEDY WORLD AIRWAYS INCORPORATED	TKC	THE FOOD CHAIN LTD.
WLP	WORLD LONGEST PIPELINES INC.	Y	YELLOW GREEN INTERNATIONAL CO.
YCK	YELLOW RIVER GOLD MINES INC.	YRK	YELLOW ROCK EXPLORATION COMPANY

Press ENTER key to continue

FIG. 3



THIS PAGE BLANK (USPTO)



2032375

STOCK MARKET GAME

FN 20 3/4	G 30 1/8	NLP 14 7/8
P 12 3/8	P.A 21 5/8	SSU 25
BEN 7 1/2	BIL 6 1/4	NM 9
RTL 13 3/8	OPN 9 7/8	REG 7 3/8
	Y 9 5/8	
YRE 2.48	MXC 12	AOC 13 1/8
YGM 14 1/4	MYH 1.98	OIL 1.00
CAR 5	CAS 7 3/8	EAT 6 1/8
CHG 19 7/8	QBC 7 1/2	TFC 8 3/4
STN 8 3/8	SWH 16	FAT 22 7/8

to display list of valid commands

PRESS the Enter key OR

Roll the dice and let's start the game

Enter a valid command

FIG. 4

STOCK MARKET GAME

FN 21 5/8	G 31	NLP 15 5/8
P 13 1/4	P.A 22 1/2	SSB 25 7/8
BCC 8 3/8	BIL 7 1/8	MA 9 7/8
RIL 14 1/4	OPN 10 3/4	MEG 8 1/4
	Y 10 1/2	
YRE 2.60 - 0.05	MXC 12 7/8	AOC 14
YGM 14 3/4 - 3/8	MYH 2.15	OIL 1.05
CAR 5 7/8	CAS 8 1/4	EAT 7
CHG 20 3/4	QBC 8 3/8	TFC 9 5/8
STN 9 1/4	SWH 16 7/8	FAT 23 3/4

----- RUNDR -----

*Gold plunged \$25 as rumored mass sale of the precious metal from the Middle

*East hit the streets. Some sources pinpointed Saudi Arabia as the seller.

*GOLD Index is down by about 2 *

Enter a valid command

FIG. 5



THIS PAGE BLANK (USPTO)



2032375

STOCK MARKET GAME

Enter your order to Buy or Sell, followed by a /, followed by the quantity (number of shares in multiples of Round Lot), followed by another /, and then followed by the Stock Ticker Symbol.

A - 1000 shares for stock priced less than \$ 1.00
 Round - 100 shares for stock between \$ 1.00 & \$ 100
 Lot - 10 shares for stock priced over \$ 100.00

For example: To sell 200 shares of FN, enter the following :

S/200/FN or s/200/fn

To Buy 1500 shares of G, enter the following :

B/1500/G or b/1500/g

Enter your order, then press the ENTER key

n/200/g

FIG. 6

STOCK MARKET GAME

Broker's Commission Schedule	
Stock Price (per share)	Commission per Order
\$.01 - \$ 1.00	\$ 25 + .01/share
\$ 1.01 - \$ 5.00	\$ 25 + .02/share
\$ 5.01 - \$10.00	\$ 25 + .03/share
\$10.01 - \$20.00	\$ 25 + .04/share
\$20.01 - \$30.00	\$ 25 + .05/share
OVER \$30.00	\$ 25 + .06/share

\$25 flat rate on trades with a total value of \$2,000 or less.

6 35 representing broker's fee has been subtracted

Callout from the broker \$ 5,890

for your sale of 200 shares of G AT \$29 5/8

Enter Y to return or N to do more trades

FIG. 7



THIS PAGE BLANK (USPTO)



2032375

S T O C K M A R K E T G A M E

Enter your order to Buy or Sell, followed by a /, followed by the quantity (number of shares in multiples of Board lot), followed by another /, and then followed by the Stock Ticker Symbol.

A - 1000 shares for stock priced less than \$ 1.00
 Board - 100 shares for stock between \$ 1.00 & \$ 100
 lot - 10 shares for stock priced over \$ 100.00

For example: To Sell 200 shares of FN, enter the following :

S/200/FN or s/200/fn

To Buy 1500 shares of G, enter the following :

B/1500/G or b/1500/g

Enter your order, then press the ENTER key

s/200/g

FIG. 6

S T O C K M A R K E T G A M E

Broker's Commission Schedule

Stock Price (per share)	Commission per Order
\$.01 - \$ 1.00	\$ 25 + .01/share
\$ 1.01 - \$ 5.00	\$ 25 + .02/share
\$ 5.01 - \$ 10.00	\$ 25 + .03/share
\$ 10.01 - \$ 20.00	\$ 25 + .04/share
\$ 20.01 - \$ 30.00	\$ 25 + .05/share
OVER \$30.00	\$ 25 + .06/share

\$25 flat rate on trades with a total value of \$2,000 or less.

8 35 representing broker's fee has been subtracted

Callout from the broker \$ 5,890

for your sale of 200 shares of G AT \$29 5/8

Enter Y to return or N to do more trades

FIG. 7



THIS PAGE BLANK (USPTO)



2032375

STOCK MARKET GAME

DIVIDENDS DECLARED / PAYABLE

FW 0.30	G 0.45	KLP 0.25
P 0.15	P.A 0.55	SSA 0.35
DCC None	RIE None	TM 0.05
HIL None	UPN None	WRG None
	V 0.10	
YRE None	MXC 0.11	ACC 0.15
YGM None	MYK None	OIL None
CAR 0.04	CTB None	EAT None
CNG 0.08	ERC None	TFC 0.06
STN None	SKA None	FAT 0.03

To calculate earned dividends, enter the quantity followed by a /, and then followed by the Stock Ticker Symbol.

Example : 200/fw (dividends for 200 shares of fw)

Enter no. of shares/stock symbol, then press the ENTER key

FIG. 8

STOCK MARKET GAME

Your total dividend for 200 shares of G is \$ 90
Enter X to return or H to calculate more

FIG. 9



THIS PAGE BLANK (USPTO)



2032375

STOCK MARKET GAME

DIVIDENDS DECLARED / PAYABLE

WV 0.30	G 0.45	NLP Divd Suspend
P 0.15	P.A 0.55	SSB 0.15
BCC None	BIL None	NM 0.05
HIL None	OPN None	MEG None
	Y 0.10	
YRE None	MMC 0.11	AOC 0.15
YGM None	MYH None	OIL None
CAR 0.04	CAS None	EAT None
CNG 0.08	EBC None	TFC 0.06
STH None	SWA None	FAT 0.03

WLP also announced it will suspend its dividend immediately.

Enter a valid command

FIG. 10

STOCK MARKET GAME

WV 21 3/8 - 1/4	G 30 5/8 - 3/8	WLP 15 1/2 - 1/8
P 13 1/8 - 1/8	P.A 22 1/4 - 1/4	SSB 25 5/8 - 1/4
BCC 8 1/4 - 1/8	BIL 7 - 1/8	NM 9 3/4 - 1/8
HIL 14 1/8 - 1/8	OPN 10 5/8 - 1/8	MEG 8 1/8 - 1/8
	Y 10 3/8 - 1/8	
YRE 2.40 - 0.02	MMC 12 3/4 - 1/8	AOC 13 7/8 - 1/8
YGM 13 1/2 - 1/8	MYH 2.13 - 0.02	OIL 1.63 - 0.02
CAR 5 3/4 - 1/8	CAS 8 1/8 - 1/8	EAT 6 7/8 - 1/8
CNG 20 1/2 - 1/4	EBC 8 1/4 - 1/8	TFC 9 1/2 - 1/8
STH 9 1/8 - 1/8	SWA 16 5/8 - 1/4	FAT 23 1/2 - 1/4

..... RUMOR
 *Investors dump stocks on rumors that a major brokerage house is suffering
 a liquidity problem and may seek protection under Chapter 11.
 *The Whole Index is down by about 1 %

Enter a valid command

FIG. 11